

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/S30,125
Source: Pct
Date Processed by STIC: 4-12-05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 04/12/2005

PATENT APPLICATION: US/10/530,125

TIME: 08:52:33

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04122005\J530125.raw

4 <110> APPLICANT: SANWA KAGAKU KENKYUSHO CO.,LTD.
 6 <120> TITLE OF INVENTION: GLP-1 derivatives and the use
 8 <130> FILE REFERENCE: JP0304SKK
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/530,125
 C--> 10 <141> CURRENT FILING DATE: 2005-04-04
 10 <150> PRIOR APPLICATION NUMBER: JP 2002-299283
 11 <151> PRIOR FILING DATE: 2002-10-11
 13 <160> NUMBER OF SEQ ID NOS: 25
 15 <170> SOFTWARE: PatentIn version 3.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 29
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Artificial
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: GLP1(7-35)
 25 <400> SEQUENCE: 1
 27 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 28 1 5 10 15
 31 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly
 32 20 25
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 36 <211> LENGTH: 30
 37 <212> TYPE: PRT
 38 <213> ORGANISM: Artificial
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: GLP1(7-36)
 43 <400> SEQUENCE: 2
 45 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 46 1 5 10 15
 49 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 50 20 25 30
 53 <210> SEQ ID NO: 3
 54 <211> LENGTH: 30
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Artificial
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: 8S-GLP1
 61 <400> SEQUENCE: 3
 63 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 64 1 5 10 15
 67 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
 68 20 25 30
 71 <210> SEQ ID NO: 4

(pg. 6)

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73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial
76 <220> FEATURE:
77 <223> OTHER INFORMATION: GLP1+1R
79 <400> SEQUENCE: 4
81 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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86          20          25          30
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90 <211> LENGTH: 32
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial
94 <220> FEATURE:
95 <223> OTHER INFORMATION: GLP1+2R
97 <400> SEQUENCE: 5
99 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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103 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg Arg
104          20          25          30
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109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial
112 <220> FEATURE:
113 <223> OTHER INFORMATION: 8S-GLP1+2R
115 <400> SEQUENCE: 6
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122          20          25          30
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126 <211> LENGTH: 33
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial
130 <220> FEATURE:
131 <223> OTHER INFORMATION: 8S-GLP1+3R
133 <400> SEQUENCE: 7
135 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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140          20          25          30
143 Arg
147 <210> SEQ ID NO: 8
148 <211> LENGTH: 34
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial
152 <220> FEATURE:

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162          20          25          30
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170 <211> LENGTH: 35
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <223> OTHER INFORMATION: 8S-GLP1+5R
177 <400> SEQUENCE: 9
179 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
180 1          5          10          15
183 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg Arg
184          20          25          30
187 Arg Arg Arg
188          35
191 <210> SEQ ID NO: 10
192 <211> LENGTH: 36
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial
197 <220> FEATURE:
198 <223> OTHER INFORMATION: 8S-GLP1+6R
200 <400> SEQUENCE: 10
202 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
203 1          5          10          15
206 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Arg Arg
207          20          25          30
210 Arg Arg Arg Arg
211          35
214 <210> SEQ ID NO: 11
215 <211> LENGTH: 38
216 <212> TYPE: PRT
217 <213> ORGANISM: Artificial
219 <220> FEATURE:
220 <223> OTHER INFORMATION: 8S-GLP1-8R
222 <400> SEQUENCE: 11
224 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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229          20          25          30
232 Arg Arg Arg Arg Arg Arg
233          35
236 <210> SEQ ID NO: 12
237 <211> LENGTH: 31
238 <212> TYPE: PRT

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246 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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255 <211> LENGTH: 32
256 <212> TYPE: PRT
257 <213> ORGANISM: Artificial
259 <220> FEATURE:
260 <223> OTHER INFORMATION: 8S-des36R-GLP1+2KR
262 <400> SEQUENCE: 13
264 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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268 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Arg
269          20          25          30
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273 <211> LENGTH: 33
274 <212> TYPE: PRT
275 <213> ORGANISM: Artificial
277 <220> FEATURE:
278 <223> OTHER INFORMATION: 8S-des36R-GLP1+3KR
280 <400> SEQUENCE: 14
282 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
283 1          5          10          15
286 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
287          20          25          30
290 Arg
294 <210> SEQ ID NO: 15
295 <211> LENGTH: 35
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial
299 <220> FEATURE:
300 <223> OTHER INFORMATION: 8S-des36R-GLP1+5KR
302 <400> SEQUENCE: 15
304 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
305 1          5          10          15
308 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
309          20          25          30
312 Lys Lys Arg
313          35
316 <210> SEQ ID NO: 16
317 <211> LENGTH: 37
318 <212> TYPE: PRT
319 <213> ORGANISM: Artificial
321 <220> FEATURE:

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Input Set : A:\pto.da.txt

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322 <223> OTHER INFORMATION: 8S-des36R-GLP1+7KR
324 <400> SEQUENCE: 16
326 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
327 1          5          10          15
330 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
331          20          25          30
334 Lys Lys Lys Lys Arg
335          35
338 <210> SEQ ID NO: 17
339 <211> LENGTH: 40
340 <212> TYPE: PRT
341 <213> ORGANISM: Artificial
343 <220> FEATURE:
344 <223> OTHER INFORMATION: 8S-des36R-GLP1+10KR
346 <400> SEQUENCE: 17
348 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
349 1          5          10          15
352 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Lys Lys Lys
353          20          25          30
356 Lys Lys Lys Lys Lys Lys Lys Arg
357          35          40
360 <210> SEQ ID NO: 18
361 <211> LENGTH: 32
362 <212> TYPE: PRT
363 <213> ORGANISM: Artificial
365 <220> FEATURE:
366 <223> OTHER INFORMATION: 8S-GLP1+2K
368 <400> SEQUENCE: 18
370 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
371 1          5          10          15
374 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Lys Lys
375          20          25          30
378 <210> SEQ ID NO: 19
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380 <212> TYPE: PRT
381 <213> ORGANISM: Artificial
383 <220> FEATURE:
384 <223> OTHER INFORMATION: 8S26Q34N-GLP1
386 <400> SEQUENCE: 19
388 His Ser Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
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392 Gln Ala Ala Gln Glu Phe Ile Ala Trp Leu Val Asn Gly Arg
393          20          25          30
396 <210> SEQ ID NO: 20
397 <211> LENGTH: 30
398 <212> TYPE: PRT
399 <213> ORGANISM: Artificial
401 <220> FEATURE:
402 <223> OTHER INFORMATION: 26Q34N-GLP1

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/530,125

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:25; Xaa Pos. 34

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25

VERIFICATION SUMMARY

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Input Set : A:\pto.da.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:32